# Qiuhong Wang

List of Publications by Year
in descending order



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|---|---|---|---|
| 72 papers | 4,547 citations | 147566 31 h-index | 106150 65 g-index |
| 77 all docs | 77 docs citations | 77 times ranked | 3963 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Updated classification of norovirus genogroups and genotypes. Journal of General Virology, 2019, 100, 1393-1406. | 1.3 | 535 |
| 2 | Emerging and re-emerging coronaviruses in pigs. Current Opinion in Virology, 2019, 34, 39-49. | 2.6 | 276 |
| 3 | Comprehensive Review of Human Sapoviruses. Clinical Microbiology Reviews, 2015, 28, 32-53. | 5.7 | 271 |
| 4 | Distinct Characteristics and Complex Evolution of PEDV Strains, North America, May 2013â€“February 2014. Emerging Infectious Diseases, 2014, 20, 1620-8. | 2.0 | 268 |
| 5 | SARS-CoV-2 is an appropriate name for the new coronavirus. Lancet, The, 2020, 395, 949-950. | 6.3 | 264 |
| 6 | Porcine epidemic diarrhea virus (PEDV): An update on etiology, transmission, pathogenesis, and prevention and control. Virus Research, 2020, 286, 198045. | 1.1 | 200 |
| 7 | Evolution, antigenicity and pathogenicity of global porcine epidemic diarrhea virus strains. Virus Research, 2016, 226, 20-39. | 1.1 | 193 |
| 8 | Pathology of US Porcine Epidemic Diarrhea Virus Strain PC21A in Gnotobiotic Pigs. Emerging Infectious Diseases, 2014, 20, 668-671. | 2.0 | 177 |
| 9 | Isolation and Characterization of Porcine Deltacoronavirus from Pigs with Diarrhea in the United States. Journal of Clinical Microbiology, 2015, 53, 1537-1548. | 1.8 | 165 |
| 10 | Comprehensive Comparison of Cultivable Norovirus Surrogates in Response to Different Inactivation and Disinfection Treatments. Applied and Environmental Microbiology, 2014, 80, 5743-5751. | 1.4 | 164 |
| 11 | Cell culture isolation and sequence analysis of genetically diverse US porcine epidemic diarrhea virus strains including a novel strain with a large deletion in the spike gene. Veterinary Microbiology, 2014, 173, 258-269. | 0.8 | 150 |
| 12 | Antigenic Relationships among Porcine Epidemic Diarrhea Virus and Transmissible Gastroenteritis Virus Strains. Journal of Virology, 2015, 89, 3332-3342. | 1.5 | 96 |
| 13 | Experimental infection of a US spike-insertion deletion porcine epidemic diarrhea virus in conventional nursing piglets and cross-protection to the original US PEDV infection. Veterinary Research, 2015, 46, 134. | 1.1 | 76 |
| 14 | Characterization of a Pathogenic Full-Length cDNA Clone and Transmission Model for Porcine Epidemic Diarrhea Virus Strain PC22A. MBio, 2016, 7, e01451-15. | 1.8 | 75 |
| 15 | Genetic Characterization and Classification of Human and Animal Sapoviruses. PLoS ONE, 2016, 11, e0156373. | 1.1 | 71 |
| 16 | Deletion of a 197-Amino-Acid Region in the N-Terminal Domain of Spike Protein Attenuates Porcine Epidemic Diarrhea Virus in Piglets. Journal of Virology, 2017, 91, . | 1.5 | 68 |
| 17 | The Effects of Simvastatin or Interferon-Î± on Infectivity of Human Norovirus Using a Gnotobiotic Pig Model for the Study of Antivirals. PLoS ONE, 2012, 7, e41619. | 1.1 | 65 |
| 18 | Binding of Human GII.4 Norovirus Virus-Like Particles to Carbohydrates of Romaine Lettuce Leaf Cell Wall Materials. Applied and Environmental Microbiology, 2012, 78, 786-794. | 1.4 | 62 |

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|---|---|---|---|
| 19 | Genomic and evolutionary inferences between American and global strains of porcine epidemic diarrhea virus. Preventive Veterinary Medicine, 2016, 123, 175-184. | 0.7 | 60 |
| 20 | Characterization of Emerging GII.g/GII.12 Noroviruses from a Gastroenteritis Outbreak in the United States in 2010. Journal of Clinical Microbiology, 2011, 49, 3234-3244. | 1.8 | 56 |
| 21 | Discovery and Genomic Characterization of Noroviruses from a Gastroenteritis Outbreak in Domestic Cats in the US. PLoS ONE, 2012, 7, e32739. | 1.1 | 56 |
| 22 | Failure of propagation of human norovirus in intestinal epithelial cells with microvilli grown in three-dimensional cultures. Archives of Virology, 2014, 159, 257-266. | 0.9 | 54 |
| 23 | Determination of the infectious titer and virulence of an original US porcine epidemic diarrhea virus PC22A strain. Veterinary Research, 2015, 46, 109. | 1.1 | 49 |
| 24 | Stability of and Attachment to Lettuce by a Culturable Porcine Sapovirus Surrogate for Human Caliciviruses. Applied and Environmental Microbiology, 2012, 78, 3932-3940. | 1.4 | 45 |
| 25 | Attenuation of an original US porcine epidemic diarrhea virus strain PC22A via serial cell culture passage. Veterinary Microbiology, 2017, 201, 62-71. | 0.8 | 44 |
| 26 | Development of a one-step RT-PCR assay for detection of pancoronaviruses (Î±-, Î²-, Î³-, and Î´-coronaviruses) using newly designed degenerate primers for porcine and avian `fecal samples. Journal of Virological Methods, 2018, 256, 116-122. | 1.0 | 41 |
| 27 | Attempts to grow human noroviruses, a sapovirus, and a bovine norovirus in vitro. PLoS ONE, 2018, 13, e0178157. | 1.1 | 41 |
| 28 | Deletion of both the Tyrosine-Based Endocytosis Signal and the Endoplasmic Reticulum Retrieval Signal in the Cytoplasmic Tail of Spike Protein Attenuates Porcine Epidemic Diarrhea Virus in Pigs. Journal of Virology, 2019, 93, . | 1.5 | 40 |
| 29 | Molecular detection and genetic characterization of kobuviruses and astroviruses in asymptomatic local pigs in East Africa. Archives of Virology, 2014, 159, 1313-1319. | 0.9 | 37 |
| 30 | Effects of disinfection on the molecular detection of porcine epidemic diarrhea virus. Veterinary Microbiology, 2015, 179, 213-218. | 0.8 | 35 |
| 31 | Engineering a Live Attenuated Porcine Epidemic Diarrhea Virus Vaccine Candidate via Inactivation of the Viral 2'-O-Methyltransferase and the Endocytosis Signal of the Spike Protein. Journal of Virology, 2019, 93, . | 1.5 | 35 |
| 32 | The involvement of Fas/FasL interaction in porcine circovirus type 2 and porcine reproductive and respiratory syndrome virus co-inoculation-associated lymphocyte apoptosis in vitro. Veterinary Microbiology, 2007, 122, 72-82. | 0.8 | 33 |
| 33 | Emerging Highly Virulent Porcine Epidemic Diarrhea Virus: Molecular Mechanisms of Attenuation and Rational Design of Live Attenuated Vaccines. International Journal of Molecular Sciences, 2019, 20, 5478. | 1.8 | 33 |
| 34 | Porcine circovirus type 2 (PCV2) infection decreases the efficacy of an attenuated classical swine fever virus (CSFV) vaccine. Veterinary Research, 2011, 42, 115. | 1.1 | 32 |
| 35 | Immunogenicity of recombinant GP5 protein of porcine reproductive and respiratory syndrome virus expressed in tobacco plant. Veterinary Immunology and Immunopathology, 2010, 135, 234-242. | 0.5 | 31 |
| 36 | Prevalence and molecular characterization of porcine enteric caliciviruses and first detection of porcine kobuviruses in US swine. Archives of Virology, 2013, 158, 1583-1588. | 0.9 | 31 |

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|---|---|---|---|
| 37 | Occurrence of human enteric viruses at freshwater beaches during swimming season and its link to water inflow. Science of the Total Environment, 2014, 472, 757-766. | 3.9 | 30 |
| 38 | Recognition of Histo-Blood Group Antigen-Like Carbohydrates in Lettuce by Human GII.4 Norovirus. Applied and Environmental Microbiology, 2016, 82, 2966-2974. | 1.4 | 30 |
| 39 | Pathogenicity and immunogenicity of attenuated porcine epidemic diarrhea virus PC22A strain in conventional weaned pigs. BMC Veterinary Research, 2019, 15, 26. | 0.7 | 30 |
| 40 | Naturally Occurring Animal Coronaviruses as Models for Studying Highly Pathogenic Human Coronaviral Disease. Veterinary Pathology, 2021, 58, 438-452. | 0.8 | 30 |
| 41 | The immunogenicity of DNA constructs co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus conjugated by GPGP linker in pigs. Veterinary Microbiology, 2010, 146, 189-199. | 0.8 | 29 |
| 42 | Host Factors Affecting Generation of Immunity Against Porcine Epidemic Diarrhea Virus in Pregnant and Lactating Swine and Passive Protection of Neonates. Pathogens, 2020, 9, 130. | 1.2 | 28 |
| 43 | Pathogenesis of GIII.2 bovine norovirus, CV186-OH/00/US strain in gnotobiotic calves. Veterinary Microbiology, 2014, 168, 202-207. | 0.8 | 27 |
| 44 | Antiviral effect of theaflavins against caliciviruses. Journal of Antibiotics, 2017, 70, 443-447. | 1.0 | 25 |
| 45 | GTPase-activating protein-binding protein 1 (G3BP1) plays an antiviral role against porcine epidemic diarrhea virus. Veterinary Microbiology, 2019, 236, 108392. | 0.8 | 24 |
| 46 | Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential. Pathogens, 2022, 11, 79. | 1.2 | 23 |
| 47 | Feline Calicivirus, Murine Norovirus, Porcine Sapovirus, and Tulane Virus Survival on Postharvest Lettuce. Applied and Environmental Microbiology, 2015, 81, 5085-5092. | 1.4 | 22 |
| 48 | Human sapovirus propagation in human cell lines supplemented with bile acids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32078-32085. | 3.3 | 22 |
| 49 | New variants of porcine epidemic diarrhea virus with large deletions in the spike protein, identified in the United States, 2016-2017. Archives of Virology, 2018, 163, 2485-2489. | 0.9 | 21 |
| 50 | Cross protective immune responses in nursing piglets infected with a US spike-insertion deletion porcine epidemic diarrhea virus strain and challenged with an original US PEDV strain. Veterinary Research, 2017, 48, 61. | 1.1 | 20 |
| 51 | Deltacoronavirus Evolution and Transmission: Current Scenario and Evolutionary Perspectives. Frontiers in Veterinary Science, 2020, 7, 626785. | 0.9 | 19 |
| 52 | Bile acids LCA and CDCA inhibited porcine deltacoronavirus replication in vitro. Veterinary Microbiology, 2021, 257, 109097. | 0.8 | 19 |
| 53 | Abiotic Stress and Phyllosphere Bacteria Influence the Survival of Human Norovirus and Its Surrogates on Preharvest Leafy Greens. Applied and Environmental Microbiology, 2016, 82, 352-363. | 1.4 | 17 |
| 54 | The enhanced replication of an S-intact PEDV during coinfection with an S1 NTD-del PEDV in piglets. Veterinary Microbiology, 2019, 228, 202-212. | 0.8 | 17 |

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|---|---|---|---|
| 55 | SARSâ€CoVâ€2, SARSâ€CoV, and MERSâ€CoV encode circular RNAs of spliceosomeâ€independent origin. Journal of Medical Virology, 2022, 94, 3203-3222. | 2.5 | 17 |
| 56 | Porcine sapoviruses: Pathogenesis, epidemiology, genetic diversity, and diagnosis. Virus Research, 2020, 286, 198025. | 1.1 | 15 |
| 57 | Mechanism of Cell Culture Adaptation of an Enteric Calicivirus, the Porcine Sapovirus Cowden Strain. Journal of Virology, 2016, 90, 1345-1358. | 1.5 | 14 |
| 58 | Characterization of porcine circovirus type 2 (PCV2) infection in swine lymphocytes using mitogen-stimulated peripheral blood lymphocytes from healthy PCV2-carrier pigs. Veterinary Immunology and Immunopathology, 2008, 124, 355-366. | 0.5 | 13 |
| 59 | Reverse transcription-PCR assays for the differentiation of various US porcine epidemic diarrhea virus strains. Journal of Virological Methods, 2016, 234, 137-141. | 1.0 | 12 |
| 60 | Tissue Distribution and Visualization of Internalized Human Norovirus in Leafy Greens. Applied and Environmental Microbiology, 2018, 84, . | 1.4 | 12 |
| 61 | Human Norovirus Histo-Blood Group Antigen (HBGA) Binding Sites Mediate the Virus Specific Interactions with Lettuce Carbohydrates. Viruses, 2019, 11, 833. | 1.5 | 12 |
| 62 | Integrating Bacterial and Viral Water Quality Assessment to Predict Swimming-Associated Illness at a Freshwater Beach: A Cohort Study. PLoS ONE, 2014, 9, e112029. | 1.1 | 12 |
| 63 | Prevention and Control of Porcine Epidemic Diarrhea: The Development of Recombination-Resistant Live Attenuated Vaccines. Viruses, 2022, 14, 1317. | 1.5 | 12 |
| 64 | Chimeric Porcine Deltacoronaviruses with Sparrow Coronavirus Spike Protein or the Receptor-Binding Domain Infect Pigs but Lose Virulence and Intestinal Tropism. Viruses, 2021, 13, 122. | 1.5 | 10 |
| 65 | Postharvest Survival of Porcine Sapovirus, a Human Norovirus Surrogate, on Phytopathogen-Infected Leafy Greens. Journal of Food Protection, 2015, 78, 1472-1480. | 0.8 | 8 |
| 66 | Roles of bile acids in enteric virus replication. Animal Diseases, 2021, 1, 2. | 0.6 | 8 |
| 67 | Mutations in Porcine Epidemic Diarrhea Virus nsp1 Cause Increased Viral Sensitivity to Host Interferon Responses and Attenuation In Vivo. Journal of Virology, 2022, 96, e0046922. | 1.5 | 8 |
| 68 | Genomic characterization of a US porcine kobuvirus strain. Archives of Microbiology, 2015, 197, 1033-1040. | 1.0 | 7 |
| 69 | Bovine rhinitis B virus is highly prevalent in acute bovine respiratory disease and causes upper respiratory tract infection in calves. Journal of General Virology, 2022, 103, . | 1.3 | 5 |
| 70 | Characterization of the Cross-Species Transmission Potential for Porcine Deltacoronaviruses Expressing Sparrow Coronavirus Spike Protein in Commercial Poultry. Viruses, 2022, 14, 1225. | 1.5 | 2 |
| 71 | Intracoelomic Teratoma in an Eclectus Parrot (Eclectus roratus). , 2021, 35, 217-226. | | 0 |
| 72 | Parvoviral enteritis and salmonellosis in raccoons with sudden death. Journal of Veterinary Diagnostic Investigation, 2021, 33, 104063872110387. | 0.5 | 0 |